

Compound	CAS	Sufficient Data		Problem			MW
		Human	Rat	Clint	Fub	PhysChem	
Acetaminophen	103-90-2	Y	Y				151.17
Acetochlor	34256-82-1	Y	Y				269.77
Ametryn	834-12-8	Y	Y				227.33
Bisphenol-A	80-05-7	Y	Y				228.29
boscalid	188425-85-6	Y	Y				343.21
Carbaryl	63-25-2	Y	Y				201.23
Cyproconazole	94361-06-5	Y	Y				291.78
Diazepam	53320-84-6	Y	Y				284.74
Diltiazem	33286-22-5	Y	Y				450.98
Fenarimol	60168-88-9	Y	Y				331.20
Flusilazole	85509-19-9	Y	Y				315.40
Formetanate hydrochloride	23422-53-9	Y	Y				257.72
Imazalil	35554-44-0	Y	Y				297.19
Isazofos	42509-80-8	Y	Y				313.74
Propyzamide	23950-58-5	Y	Y				256.13
Pyrimethanil	53112-28-0	Y	Y				199.26
Pyrithiobac-sodium	123343-16-8	Y	Y				348.74
Thidiazuron	51707-55-2	Y	Y				220.25
Triflumizole	68694-11-1	Y	Y				345.75
Troglitazone	97322-87-7	Y	Y				441.55
Zidovudine	30516-87-1	Y	Y				267.25
2-Phenylphenol	90-43-7	Y					170.21
Abamectin	71751-41-2	Y					873.10
Aldicarb	116-06-3	Y					190.26
Atrazine	1912-24-9	Y					215.69
Azinphosmethyl	86-50-0	Y					317.32
Azoxystrobin	131860-33-8	Y					403.40

Bendiocarb	22781-23-3	Y		223.23
Bifenazate	149877-41-8	Y		300.36
Bromoxynil	1689-84-5	Y		276.92
Cacodylic acid	75-60-5	Y		138.00
Caffeine	58-08-2	Y		194.19
Carboxin	5234-68-4	Y		235.30
Chloridazon	1698-60-8	Y		221.65
Clomazone	81777-89-1	Y		239.70
Clothianidin	210880-92-5	Y		249.68
Cyanazine	21725-46-2	Y		240.70
Cyclanilide	113136-77-9	Y		274.11
Cyromazine	66215-27-8	Y		166.19

Reference	logP	Reference	pKa	Reference	uman ClirReference	uman FulReference	uman FalReference	uman Rb
EPI Suite	0.46EPI Suite	9.86Chemical	57457847Naritomi et al.	0.79Naritomi et al. 2003	Naritomi et al.	1		
EPI Suite	3.03EPI Suite	4ChemNet	84.71361Wetmore et al.	0.13497Wetmore et al. 2012				
EPI Suite	2.98EPI Suite	4.401EpiK	31.51456Wetmore et al.	0.00395Wetmore et al. 2012				
EPI Suite	3.32EPI Suite	7.889EpiK	19.29334Wetmore et al.	0.25708Wetmore et al. 2012				
EPI Suite	4EPI Suite	0.296EpiK	17.28203Wetmore et al.	0.03201Wetmore et al. 2012				
EPI Suite	2.36EPI Suite	11.902EpiK	27.27362Wetmore et al.	0.69225Wetmore et al. 2012				
EPI Suite	2.9EPI Suite	-2.152EpiK	1.53798Wetmore et al.	0.10856Wetmore et al. 2012				
Chemspide	2.914Chemspide	3.4NTP	245136187Naritomi et al.	0.032Naritomi et al. 2003	Naritomi et al.	1.04		
Chemspide	7.7Jones et al.	2.7Jones et al.	51880674Naritomi et al.	0.22Naritomi et al. 2003	Naritomi et al.	1		
EPI Suite	3.6EPI Suite	1.5EpiK	3.78805Wetmore et al.	0.03671Wetmore et al. 2012				
EPI Suite	3.7EPI Suite	2.5LookChem	19.92098Wetmore et al.	0.23177Wetmore et al. 2012				
ChemSpid	0.856ChemSpid	8.169EpiK	13.71571Wetmore et al.	0.88531Wetmore et al. 2012				
EPI Suite	3.82EPI Suite	7.203EpiK	1.02459Wetmore et al.	0.02956Wetmore et al. 2012				
EPI Suite	3.82EPI Suite	-2.457EpiK	19.52951Wetmore et al.	0.06539Wetmore et al. 2012				
EPI Suite	3.43EPI Suite	11.698EpiK	5.39975Wetmore et al.	0.06756Wetmore et al. 2012				
EPI Suite	2.84EPI Suite	4.856EpiK	43.88836Wetmore et al.	0.01673Wetmore et al. 2012				
EPI Suite	0.6EPI Suite	-0.878EpiK	3.98489Wetmore et al.	0.02909Wetmore et al. 2012				
EPI Suite	1.77EPI Suite	2.388EpiK	4.92030Wetmore et al.	0.02837Wetmore et al. 2012				
EPI Suite	1.4EPI Suite	2.666EpiK	14.24713Wetmore et al.	0.00417Wetmore et al. 2012				
EPI Suite	6.11EPI Suite	6.34Chemical	341115435Naritomi et al.	0.548Naritomi et al. 2003	Naritomi et al.	0.548		
EPI Suite	0.05EPI Suite	9.96ChemAxon	10505837Naritomi et al.	0.098Naritomi et al. 2003	Naritomi et al.	0.98		
EPI Suite	3.09EPI Suite	9.82EpiK	2.07714Wetmore et al.	0.04105Wetmore et al. 2012				
EPI Suite	4.39EPI Suite	11.144EpiK	5.24036Wetmore et al.	0.06687Wetmore et al. 2012				
EPI Suite	1.13EPI Suite	-2.95EpiK	0.74564Wetmore et al.	0.48092Wetmore et al. 2012				
EPI Suite	2.61EPI Suite	0.789EpiK	6.20937Wetmore et al.	0.10035Wetmore et al. 2012				
EPI Suite	2.75EPI Suite	-0.424EpiK	32.63405Wetmore et al.	0.21368Wetmore et al. 2012				
EPI Suite	2.5EPI Suite	0.612EpiK	32.39398Wetmore et al.	0.04763Wetmore et al. 2012				

EPI Suite	1.7EPI Suite	11.902EpiK	21.66129Wetmore ε	0.19710Wetmore et al. 2012
EPI Suite	4.14EPI Suite	0.641EpiK	41.15070Wetmore ε	0.83603Wetmore et al. 2012
EPI Suite	3.39EPI Suite	5.26EpiK	7.86628Wetmore ε	0.50008Wetmore et al. 2012
EPI Suite	0.36EPI Suite	6.3 Wikipedia	0.19757Wetmore ε	0.90583Wetmore et al. 2012
EPI Suite	-0.07EPI Suite	14 Sigma-Ald	1.4 Ito 2004	1 Ito 2004
EPI Suite	2.14EPI Suite	9.276EpiK	24.40883Wetmore ε	0.17504Wetmore et al. 2012
EPI Suite	0.76EPI Suite	-0.004EpiK	1.87139Wetmore ε	0.42733Wetmore et al. 2012
EPI Suite	2.5EPI Suite	0.51EpiK	3.03796Wetmore ε	0.17336Wetmore et al. 2012
EPI Suite	0.64EPI Suite	-2.203EpiK	10.72708Wetmore ε	0.52851Wetmore et al. 2012
EPI Suite	2.22EPI Suite	0.194EpiK	3.15799Wetmore ε	0.31552Wetmore et al. 2012
EPI Suite	1.84EPI Suite	3.984EpiK	0.33640Wetmore ε	0.98401Wetmore et al. 2012
EPI Suite	0.96EPI Suite	4.961EpiK	1.50482Wetmore ε	0.93523Wetmore et al. 2012

Reference Rat Clint Reference Rat Fub

Naritomi et al 66666667	Naritomi et al	0.82
59.28 Wetmore et al	Wetmore et al	0.19229
42.06 Wetmore et al	Wetmore et al	0.18232
2.326 Wetmore et al	Wetmore et al	0.71812
12.038 Wetmore et al	Wetmore et al	0.04664
14.966 Wetmore et al	Wetmore et al	0.37532
2.312 Wetmore et al	Wetmore et al	0.11946
Naritomi et al 71.875	Naritomi et al	0.137
Naritomi et al 687.5	Naritomi et al	0.184
1.5696 Wetmore et al	Wetmore et al	0.02760
5.002 Wetmore et al	Wetmore et al	0.07926
11.178 Wetmore et al	Wetmore et al	0.74850
46.44 Wetmore et al	Wetmore et al	0.04829
81.88 Wetmore et al	Wetmore et al	0.10721
1.7096 Wetmore et al	Wetmore et al	0.09361
11.412 Wetmore et al	Wetmore et al	0.07924
1.9488 Wetmore et al	Wetmore et al	0.00927
2.142 Wetmore et al	Wetmore et al	0.16446
20.62 Wetmore et al	Wetmore et al	0.00946
Naritomi et al 33333333	Naritomi et al	0.00092
Naritomi et al 66666667	Naritomi et al	0.786

0.48892

0

Compound	CAS	Clint (hepatocyte)	Clint (Microsomes)	CLh	fub	Reference
Alprazolam		33	180	19	0.35	Unpublished
Alprenolol		36	80	24	1	6
Aminopyrine		4.1	6.6	2	1	6
Antipyrine 60-80-0		0.8	3.6	1.4	1	6
Bosentan	ND		40	14	0.02	7
Butylbarbitone		1.9 ND		1.2	0.6	6
Caffeine 58-08-2		1.4	4.3	3	1	3
Carbamazepine	ND		2.2	0.78	1	6
Chlordiazepoxide		8	4.6	2.5	0.15	Unpublished
Clobazam		27	110	7.9	0.21	Unpublished
Clonazepam		15	18	4.9	0.21	Unpublished
Codeine		290 ND		23	1	6
Dextromethorphan		110	450	20	0.45	15
Diazepam		82	81	17	0.15	3
Diclofenac		110	110	3.6	0.017	16
Diltiazem	ND		250	12	0.198	8
Dofetilide	ND		18	7.8	0.47	3
Ethoxybenzamide		1.3	4.5	2.2	0.5	6
Ethoxycoumarin	(ECOD)		26	50	14	0.22
Felodipine	ND		500	5.9	0.07	6
FK1052	ND		550	13	0.025	8
FK480	ND		130	8.6	0.016	8
Flunitrazepam		46	89	12	0.25	Unpublished
Heptabarbitone		29 ND		16	0.62	6
Heptylbarbitone		33 ND		5.2	0.066	6
Hexobarbitone	ND		330	16	0.62	6
Hexylbarbitone		21 ND		4.9	0.18	6
Ibuprofen	ND		29	0.6	0.01	6
Imipramine		990	4500	22	0.107	6
Indinavir	ND		70	16	0.39,10	
Ketoconazole		55	42	6.4	0.062	17
L-738,372	ND		4.3	3.8	1	11
Lignocaine	ND		200	24	1	6
Loxtidine		11 ND		5.5	0.96	6
Metoprolol	ND		44	22	1	6
Midazolam		74	81	11	0.07	Unpublished
Mofarotene	ND		130	4	0	7
Nicardipine	ND		6700	13	0.084	8
Nilvadipine	ND		36000	14	0.013	8
Omeprazole	ND		330	13	0.16	8
Ondansetron		110	320	15	0.25	3
Oxodipine	ND		5.3	4.5	1	6
Phenacetin		78	33	21	1	6
Phenytoin		37	35	7	0.2	3
Propranolol		1800	4300	25	0.72	12,13
R-acenocc66556-77-:ND			11	0.33	0.012	3
R-warfarin	ND		7	0.13	0.023	3
S-acenoco66556-78-:ND			30	1.2	0.009	3
S-warfarin	ND		2.1	0.046	0.011	3
Tacrine		1000 ND		21	1	3
Tolbutamide		1.6	6.2	0.12	0.08	3
Triazolam		140	130	21	0.28	Unpublished
YM796	ND		870	24	0.694	14
Zolpidem	ND		83	9.1	0.146	8

Compound	CAS	Chemical (PubChem)	Clint Predicted	Clint Observed	CLh Predicted	CLh observed
Acetaminophen	103-90-2	N	0.79	2.53	6.71	1.81
Antipyrine		N	0.94	0.82	0.69	0.74
Antipyrine		N	0.94	0.23	0.6	0.212
Bosentan		A	0.02	0.67	42.1	0.0134
Buspirone		B	0.05	613.8	1582	12.1119.2f
Caffeine		N	0.685	2.89	2.25	2.07
Caffeine		N	0.83	0.37	1.4	0.303
Carvedilol		B	0.03	281.58	521.97	5.87
Chlorpromazine		B	0.03	230.33	502.92	5.14
Cimetidine		B	0.9	3.35	4.23	2.62
Cyclosporin		Ab	N	0.04	13.46	155.27
Desipramine		B	0.17	127.16	124.92	10.39
Diazepam		N	0.012	6.41	31.29	0.08
Diazepam		N	0.012	3.44	42.78	0.04
Diclofenac		A	0.0055	618.36	2083.46	2.92
Diflunisal		A	0.0053	9.86	34.8	0.05
Diltiazem		B	0.22	77.81	143.61	10.7
Diltiazem		B	0.22	8.45	205.44	1.7
Etodolac		A	0.02	81.2	82.84	1.28
Felodipine		N	0.004	72.08	6111.11	0.28
Fenoprofen		A	0.01	56.52	216.15	0.47
FK079		N	0.0288	56.38	636	0.91
FK1052		N	0.021	32.38	1570	0.64
FK480		N	0.008	49.41	336	0.4
Furosemide		A	0.029	5.95	22.85	0.14
Gemfibrozil		A	0.005	325.82	773.37	1.43
Glipizide		A	0.02	7.13	60.52	0.12
Granisetron		B	0.7	29.72	35.14	10.17
Ibuprofen		A	0.0182	71.34	82.7	0.64
Imipramine		B	0.1	92.57	125.59	6.33
Indomethacin		A	0.02	27.13	145.77	0.46
Irbesartan		A	0.04	58.75	131.31	1.93
Ketoprofen		A	0.02	22.44	103.95	0.52
Lidocaine		B	0.3	24.61	100.68	5.34
Lorazepam		N	0.094	1.16	12.38	0.11
Lorazepam		N	0.094	1.24	16.71	0.12
Methylprednisolone		N	0.23	37.08	52.17	5.98
Metoprolol		B	0.747	13.87	40.62	5.95
Mibepradil		B	0.005	41.3	4888.9	0.2
Midazolam		N	0.04	40.08	246.27	1.48
Midazolam		N	0.04	25.74	599.04	0.98
Montelukast		A	0.0009	96.27	1495.15	0.09
Naloxone		B	0.56	150.28	924.35	16.1619.5f
Nifedipine		N	0.05	32.6	253.7	1.46
Ondansetron		N	0.68	5.23	12.4	3
Oxaprozin		A	0.0007	24.4	100.36	0.02
Oxazepam		N	0.03	8.23	38.8	0.24
Oxazepam		N	0.03	1.52	36.94	0.046
Phenacetin		N	0.594	76.01	212.5	13.919.2f
Pindolol		B	0.9	9.28	5.91	5.89
Prazosin		N	0.07	6.16	42.23	0.45
Prednisolone		N	0.26	35.54	59.22	6.32
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Propranolol	B	0.12	59.2	291.87	6.46	16.11
Propranolol	B	0.1	21.67	388.75	1.96	13.2
Quinidin	B	0.15	12.95	48.63	1.73	5.33
Ranitidine	B	0.77	3	4.4	2.07	2.9
Ritonavir	N	0.0148	30.51	86.26	0.44	1.2
Sildenafil	N	0.04	24.35	214.29	0.93	6
Tenoxicam	A	0.0164	8.77	4.46	0.14	0.073
Theophylline	N	0.4	1.67	1.68	0.65	0.65
Theophylline	N	0.4	0.35	1.55	0.141	0.6
Timolol	B	0.4	6.55	22.75	2.32	9.17
Tiprolidin	B	0.1	39.61	133.33	3.31	8
Tolbutamide	A	0.04	6.91	8.99	0.24	0.3
Tolcapone	A	0.0018	6.41	1650.32	0.074	2.65
Troglitazone	A	0.0017	306.36	10000	0.51	9
Verapamil	B	0.115	278.92	388.33	11.65	14.66
Warfarin	A	0.018	3.69	8.22	0.07	0.16
Warfarín	A	0.018	0.34	6.02	0.006	0.12

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Compound	CAS	logP	logD	logMA	pKa	Compound	Fub	Reference
Acebutolol-R		1.71	-0.51	1.4		9.7B		0.79 4
Acebutolol-S		1.71	-0.51	1.4		9.7B		0.73 4
Alprazolam		2.12	2.12	2.5		2.4B		0.35 5
Barbital		0.65	0.5	0.36		7.8A		0.93 1
Betaxolol-R		2.591	0.63	2.2		9.4B		0.53 4
Betaxolol-S		2.591	0.63	2.2		9.4B		0.54 4
Cefazolin		-0.58	-3.58	0.9		2.2A		0.14 1
Ceftazidime		-1.36	-4.35	1		4.7A		0.9 1
Chlorpromazine		5.41	3.19	3.63		9.7B		0.1 1
Clomipramine		4.82	2.34	3.23		10B		0.07 1
Clozapine		3.23	2.88	2.95		7.5B		0.5 1
Cotinine 486-56-6		-0.253	-0.25	0.3		8.1B		0.97 1
Diazepam		2.82	2.82	2.76		3.3B		0.15 5
Dicloxacillin		2.91	-0.06	1.85		3.3A		0.03 5
Digoxin		1.26	1.26	1.48		N		0.87 1
Fleroxacin		0.24	0.24	1.3		Z		0.75 1
Flunitrazepam		2.6	2.6	2.5		1.8B		0.25 5
Glycyrrhizin		2.8	-0.19	0.6		5.3A		0.05 1
Haloperidol		4.3	2.99	3.72		8.7B		0.23 1
Hexobarbital		0.873	0.87	0.95		8.1A		0.7 1
Imipramine		4.8	2.75	3		9.5B		0.24 3
Lidocaine		2.44	1.74	1.8		8B		0.38 3
Methotrexate		-1.85	-4.77	1.18		1.3M		0.5 1
Metoprolol-R		1.88	-0.34	1.5		9.7B		0.8 4
Metoprolol-S		1.88	-0.34	1.5		9.7B		0.81 4
Midazolam		2.74	2.69	2.9		5.8B		0.07 5
Nicotine 54-11-5		1.17	0.63	0.7		7.8B		0.84 3
Norfloxacin		-1.03	-1.03	0.95		Z		0.58 1
Oxprenolol-R		2.181	-0.2	2.3		9.9B		0.24 4
Oxprenolol-S		2.181	-0.2	2.3		9.9B		0.36 4
Pefloxacin		0.27	0.27	1.08		Z		0.8 1
Penicillin		-4.623	-4.62	1.04		2.8A		0.15 1
Pentazocine		3.315	2.18	2.6		8.5B		0.46 3
Pentobarbital		2.1	2.02	1		8.1A		0.66 2
Phenobarb 50-06-6		1.47	1.14	0.8		7.35A		0.78 2
Phenytoin		2.47	2.38	2		8.06A		0.06 2
Pindolol-R		1.75	-0.12	2.2		9.3B		0.51 4
Pindolol-S		1.75	-0.12	2.2		9.3B		0.76 4
Pipemidic acid		-2.15	-2.15	1.43		Z		0.85 1
p-Phenylbenzoic acid		2.813	2.81	0.3		4.2A		0.03 1
Prednisolone		1.62	1.62	1.9		N		0.23 1
Procainamide		0.88	-0.81	0.95		9.1B		0.92 3
Promazine		4.55	2.86	3.82		9.1B		0.05 1
Promethazine		4.81	3.12	3.2		9.1B		0.22 1
Propranolol		3.48	1.52	2.95		9.4B		0.08 6
Propranolol-R		3.48	1.43	3		9.5B		0.017 4
Propranolol-S		3.48	1.43	3		9.5B		0.127 4
Pyridostigmine		-3.733	-3.73	1.04		10B		0.5 1
Quinidine		3.44	2.22	2.3		8.6B		0.33 3
Salicylic acid		2.26	-0.72	0.6		3A		0.4 1
Tetracycline		-1.3	-3.08	1.7		3.6M		0.5 1
Thiopental		2.85	2.6	1.58		7.5A		0.25 2

Thioridazine	5.9	3.85	3.81	9.5B	0.01	1
Timolol-S	1.83	0.05	1.5	9.2B	0.63	4
Tolbutamide	2.34	0.47	1.41	5.5A	0.24	1
trans-Retinoic acid	2.853	2.85	1.73	6.4A	0.1	1
Trihexylphenidil	6.3	3.84	2.41	10B	0.37	1
Valproic acid	2.75	0.29	1.04	4.8A	0.22	1
Verapamil	3.79	2.66	3.2	8.5B	0.05	3

Compound	CAS	Fu,hep fraction	Clint,iv ml/min/kg	Rat						
				Well Stirred	Dispersion	Clint,iv ml/min/kg	SD	Clint,iv ch	Clint ml/min/10^4	
FK1052	129299-72	0.244	2600	10.7	3.1	635	24	2602.5	666666667	
FK480	150408-73	0.202	1120	5.1	3.4	226	13	1118.8	333333333	
Diazepam	53320-84-1	0.705	489	1.6	1	345	39	489.4	0.071875	
Diltiazem	33286-22-1	0.529	6240	0.3	0.1	3300	1330	6238.2	0.6875	
Quinotolas	101193-40	0.937	58.3	9.8	8.4	54.6	3.4	58.3	0.011375	
Troglitazone	97322-87-1	0.217	4280	15.8	10.2	928	9	4276.5	333333333	
FK079		0.713	6.66	4.3	4.2	4.75	0.14	6.7	333333333	
Zidovudine	30516-87-1	1	14.3	1.4	1.3	14.3	1	14.3	666666667	
Acetaminophen	103-90-2	0.933	76.4	0.7	0.5	71.3	10.9	76.4	666666667	

Rat	Human
Number of livers	20000000
Liver weight	40
Liver blood	55.2

Concentration	1	120000000
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		Human									
Clint	SD	Fabsorbed	Fub,p	RatioB:P	Clint,iv	Clint,iv	SD	Fabsorbed	Fub,p	RatioB:P	Clint
ml/min/10^6 cell					ml/min/kg	ml/min/kg					ml/min/10^6
0.005	0.95	0.03	1.21	7.89	8.44		0.016	0.78	0.00256		
3333333333	0.7	0.01	0.626	9.98	11.6		0.005	0.6	0.00324		
0.008125	1	0.137	1.04	4.14	3.24		0.032	1.04	0.00134		
3333333333	1	0.184	0.93	72.4	67.9		0.22	1	0.02348		
3333333333	1	0.033	0.65				0.59	0.59			
0.001875	0.718	0.00092	0.594	67.4	39.1		0.548	0.548	0.02185		
3666666667	1	0.06	0.63	40.2	18.6		0.059	0.59	0.01304		
3333333333	1	0.786	1	9.87	5.52		0.098	0.98	0.00320		
3333333333	1	0.82	1	2.39	2.29		0.79	1	0.00077		

Clint SD
ml/min/10⁶ cell

0.00274
0.00376
0.00105
0.02202

0.01268
0.00603
0.00179
0.00074

Compound	CAS	pKa	Koc	LogKow	Kd l/kg	Dow
Paracetamol	103-90-2	9.4	61.7	0.46	0.4139	2.8721
Metformin hydrochloride	1115-70-4	12.4	105.8	-2.64	0.0003	0.0023
Ibuprofen	15687-27-1	4.9	394	3.5	453.79	2.0404
Amoxicillin	26787-78-0		865	0.87	1.06	
Sodium valproate	1069-66-5		24.1	-0.85	0.02	
Sulphasalazine	599-79-1		1.84E+03	3.81	926.51	
Mesalazine	89-57-6		10	0.98	1.37	
Carbamazepine	298-46-4	13.9	3.87E+03	2.25	25.52	177.8279
Ferrous sulphate	7782-63-0		14.6	-0.37	0.06	
Ranitidine hydrochloride	66357-59-1	3.5				
Cimetidine	51481-61-1	6.8	690	0.4	0.36	0.9718
Naproxen	22204-53-1	4.2	349	3.18	217.2	2.1349
Atenolol	29122-68-1	9.2	148	0.16	0.21	1.4355
Oxytetracycline	79-57-2	3.3	97.2	-0.9	0.02	2.34E-05
Erythromycin	114-07-8	8.9	10	3.06	164.761133.2149	
Diclofenac sodium	15307-79-1	4.2	833	0.7	0.72	0.0076
Flucloxacillin sodium	1847-24-1					
Phenoxy methyl propanoate	87-08-1		177	2.09	17.65	
Allopurinol	315-30-0	9.3	19.4	-0.55	0.04	0.2805
Diltiazem hydrochloride	33286-22-1	7.7	9.50E+03	2.7	71.92	417.821
Gliclazide	21187-98-4		1.27E+04	2.12	18.92	
Aspirin	50-78-2	3.5	10	1.19	2.22	0.0048
Quinine sulphate	804-63-7		1.85E+08	5.4	36045.57	
Mebeverine hydrochloride	2753-45-9		6.66E+05	3.82	948.1	
Mefenamic acid	61-68-7		461	5.12	18916.98	